GROUP 26

FRONT AXLE

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GENERAL INFORMATION

M2260000100701

The front axle consists of front hub, wheel bearing, knuckles and driveshafts, and has the following features:

- The wheel bearing incorporates magnetic encoder for wheel speed sensing.
- The driveshaft incorporates EBJ-TJ type constant velocity joint <4A9-CVT, 4A9-M/T (LS)>, EBJ-ETJ type constant velocity joint <4A9-M/T (VR)>, BJ-TJ type constant velocity joint <4G1>.
- The dynamic damper is mounted to reduce differential gear noise.
- The bracket assembly is mounted to reduce torque steer. < 4G1>
- For environmental protection, a lead-free grease is used on the joints.

EBJ(Eight Ball Fixed Joint):The use of the smaller-sized eight balls inside the joint achieves weight saving and compact size compared with a BJ(Birfield Joint).

ETJ(Eco type Tripod Joint):This joint achieves weight saving and compact size compared with a TJ(Tripod Joint).

BJ: Birfield Joint

TJ: Tripod Joint

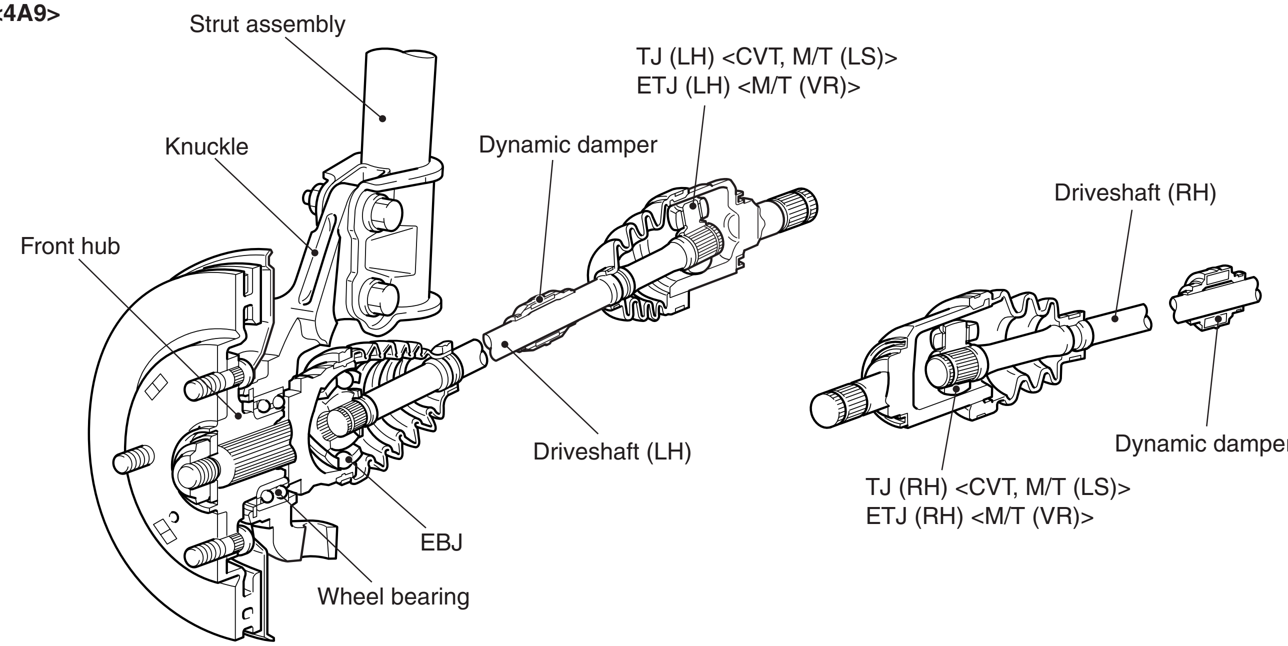
SPECIFICATIONS

Item			4A9			4G1
			CVT	M/T		
				LS	VR	
Wheel bearing	Type		Double-row angular contact ball bearing			
	Bearing (OD x ID) mm		76 × 40	76 × 40	76 × 40	76 × 40
Driveshaft	Joint type	Outer	EBJ	EBJ	EBJ	BJ
		Inner	TJ	TJ	ETJ	TJ
	Length (joint to joint) × diameter mm	LH	377 × 21.2	377 × 21.2	379 × 23	352 × 24.9
		RH	688 × 21.2	688 × 21.2	664.3 × 23	378.2 × 24.9

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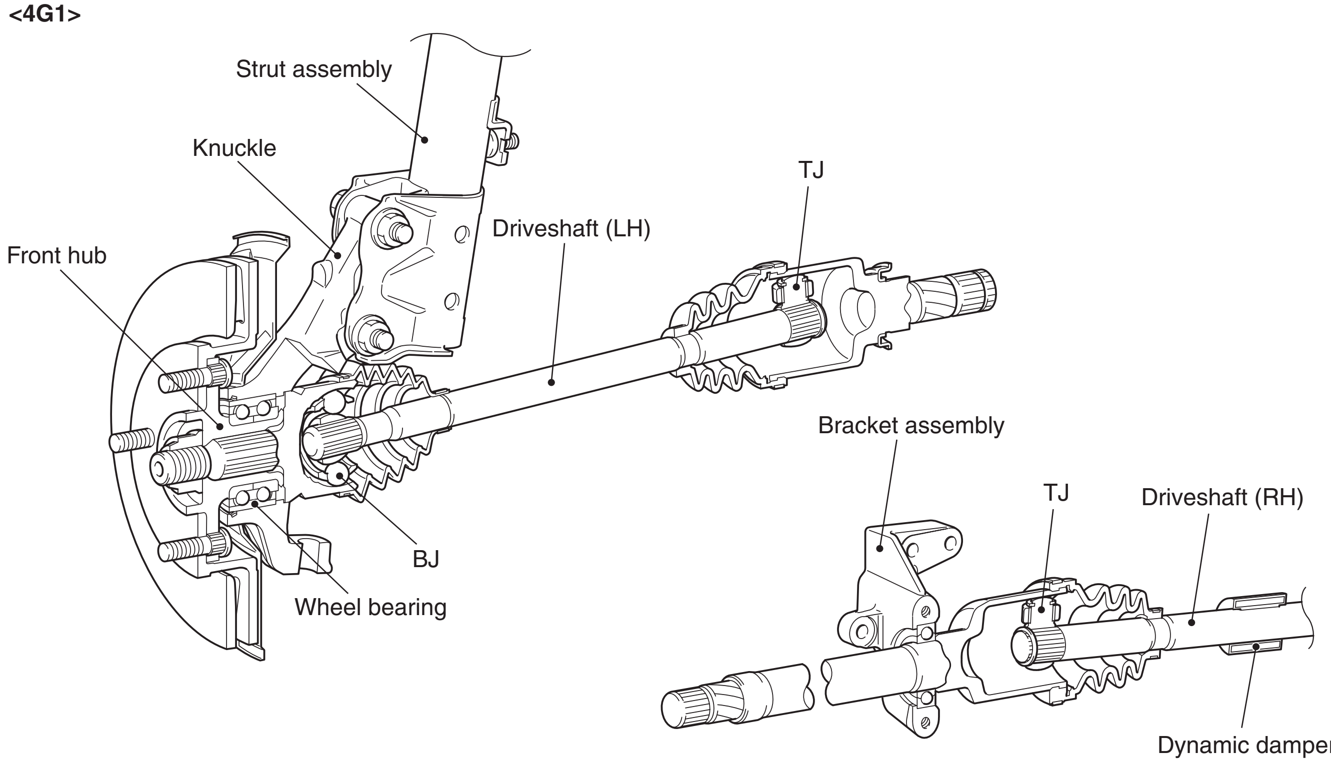
CONSTRUCTION DIAGRAM

<4A9>



AC402000AG

<4G1>



AC511705AC

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